

SALT RIVER NEAR VAL VISTA DRIVE
FCD GAGE ID# 4548

STATION DESCRIPTION

LOCATION - The gage is located on the left (south) bank of the Salt River about 2,000 west of Val Vista Road alignment. Latitude 33° 29' 04.3" North; Longitude 111° 45' 40.2" West. Located in S29 T2N R6E, in the Mesa 7.5-minute quadrangle.

ESTABLISHMENT - The gage was installed April 13, 2011.

DRAINAGE AREA – Not Determined

GAGE - The gage is a pressure transducer type instrument. The PT diaphragm is at gage height 0.00 feet gage height. The PT station is located on the left bank of the river.

There is no crest-stage gage at this site.

There is no staff gage at this site.

ZERO GAGE HEIGHT – Zero gage height is the elevation of the pressure transducer.

HISTORY – Gaging established on April 13, 2011. No previous gaging history at this location.

REFERENCE MARKS

No references have been set.

CHANNEL AND CONTROL - The control for this gage is the main channel.

RATING - The current rating is Rating #1, dated April 13, 2011. The rating was taken from a visual comparison of ratings for Salt River at 51st Avenue and Salt River at Priest Drive.

DISCHARGE MEASUREMENTS – Direct measurements are not possible at this location.

POINT OF ZERO FLOW - The PZF has not been determined.

FLOODS – No runoff has been recorded since installation in April 2011.

REGULATION – A number of dams upstream regulate flow in the Salt River.

DIVERSIONS – Granite Reef Diversion structure diverts water to canals on the north and south sides of the river for irrigation and domestic purposes.

ACCURACY - Fair

JUSTIFICATION – Monitor flow in the river for MCDOT to manage low-flow road closures.

UPDATED - March 27, 2012
 DE Gardner